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from **McGRAW-HILL** *World News*

From: Bonn, Germany

To: POWER
ELECTRICAL WORLD
PRODUCT ENGINEERING
ELECTRONICS

Jim Harrison

ENL

CPYRGHT

'CARPLESS' TRANSMISSION OF POWER

Bann, June 30, 1960 (McGraw-Hill World News) - According to the 'power' edition of the Moscow publication 'TECHNICAL PRACTICE', all large towns and cities in Russia will by 1985 be receiving their electrical power from a transmission network utilising neither cables nor wiring of any kind. From 1965 onwards, the publication claims, some suburbs of Moscow will be using 'cableless' current supplied by special 'reception' transformers which are no larger than the conventional kWh-meters and just as easy to instal.

According to 'TECHNICAL PRACTICE', the instigator of the HERUN scheme is the physicist Professor Ivan Herun. Initially, governmental and municipal buildings in Moscow will be fitted out with the necessary 'reception' transformers to pick-up power radiated from a central transmitter. For the time being, the conventional interior wiring in the buildings will be retained, the current being picked up by a central transformer feeding the whole building. In time though, the Soviets plan to dispense completely with wiring and install lighting sockets and fittings equipped with miniature receiver units.

To the western world, the message may seem like a Soviet 'pipedream' but by way of confirmation, a Swedish electrical engineer named Conradson returned to Sweden from Russia and reported on experiments he had witnessed in Russia with 'cable-less' power transmission. He told of development on which he had worked with so-called 'transmitting' transformers. Before leaving Russia for home, Conradson was told that the experiments had been a failure but he was not inclined to believe this and thought the Russians were bluffing. Two years later, in 1957, a Turkish engineer named Kemal told of Russian experiments in H.T. transmission of power without cables he had witnessed during a visit to the Soviet Union.

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Remarks: Can you comment on the attached News release? We would be interested in any information on the subject of "wireless transmission of power"

I had one of the analysts comment on news item which is a Hatched. Briefly the article misconceives the subject completely. For example what would prevent humans from being cooked.

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